```
SQL> cl scr

SQL> SELECT
  2  REF(A) OID, Sname
  3  FROM MCAStudent A
  4
SQL> COL OID FORMAT A25
SQL> SET LINESIZE 120
SQL> SELECT
  2  REF(A) OID, Sname
  3  FROM MCAStudent A;

OID                          SNAME
-------------------------- ----------
0000280209250482F82106458 KUMAR
E9AD6E7B688729B13C4E369BE
75454AE889E4E73ADD2E81380
100000D0000

0000280209007207273C584A1 SESHU
9BC6707C045737CBFC4E369BE
75454AE889E4E73ADD2E81380
100000D0001

00002802096BC598A0F7974DC RAMANA
6B431A97D421B9569C4E369BE
75454AE889E4E73ADD2E81380
100000D0002

0000280209A05AE3E206894BA RAMU
E94E69B9EED96783BC4E369BE
75454AE889E4E73ADD2E81380
100000D0003

0000280209BE2FB4276DD74EE SRIPATH
888AAF4EDA00336E5C4E369BE
75454AE889E4E73ADD2E81380
100000D0004


SQL> cl scr

SQL> DESC MCAStudent
 Name                                                              Null?
Type
 ---------------------------------------------------------------- ------
-- ----------------------------------------
  STUDID
NUMBER(6)
```

```
 SNAME
VARCHAR2(20)
 DOB
DATE
 DOA
DATE
 FEES
NUMBER(7,2)

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  REF(A) OID, StudID, Sname, DOB, DOA, Fees
  3* FROM MCAStudent A
SQL> /

OID                          STUDID SNAME      DOB       DOA        FEES
---------------------------- ------ ---------- --------- --------- ------
0000280209250482F82106458    1100 KUMAR       07-OCT-80 07-APR-14  15000
E9AD6E7B688729B13C4E369BE
75454AE889E4E73ADD2E81380
100000D0000

0000280209007207273C584A1    1101 SESHU       07-OCT-81 07-APR-14  15000
9BC6707C045737CBFC4E369BE
75454AE889E4E73ADD2E81380
100000D0001

00002802096BC598A0F7974DC    1102 RAMANA      07-OCT-80 07-APR-14  15000
6B431A97D421B9569C4E369BE
75454AE889E4E73ADD2E81380
100000D0002

0000280209A05AE3E206894BA    1103 RAMU        07-OCT-82 07-APR-14  15000
E94E69B9EED96783C4E369BE
75454AE889E4E73ADD2E81380
100000D0003

0000280209BE2FB4276DD74EE    1104 SRIPATH     07-OCT-83 07-APR-14  15000
888AAF4EDA00336E5C4E369BE
75454AE889E4E73ADD2E81380
100000D0004


SQL> DESC StudentIncharges
 Name                                      Null?
Type
```

....

```
  _____  _____
__  _____
 INCHARGENAME
VARCHAR2(30)
 STUDENTINCHARGE
REF OF STUDENT

SQL> SELECT STUDENTINCHARGE OID, INCHARGENAME
  2  FROM StudentIncharges
  3  ORDER BY INCHARGENAME DESC;

OID                          INCHARGENAME
--------------------------   ------------------
0000220208007207273C584A1 SUBRAMANYAM SHARMA
9BC6707C045737CBFC4E369BE
75454AE889E4E73ADD2E8138

00002202086BC598A0F7974DC SUBRAMANYAM SHARMA
6B431A97D421B9569C4E369BE
75454AE889E4E73ADD2E8138

0000220208BE2FB4276DD74EE SUBRAMANYAM SHARMA
888AAF4EDA00336E5C4E369BE
75454AE889E4E73ADD2E8138

00002202088BA5137BAC954CF SUBRAMANYAM SHARMA
199BD065C0D7A61C102FDA3E6
00E74550875CB3DCFA13B556

0000220208975BD755E9D3471 SUBRAMANYAM SHARMA
BBC0A71283604084802FDA3E6
00E74550875CB3DCFA13B556

0000220208FF884B137D3D4BB NIRANJAN RAMORI
88D4BD743A7843ECE110DFC92
B84146EE82A2D76178ABA9F5

0000220208F545B0787DF450 NIRANJAN RAMORI
08AFA52805657C360729DAE0E
C1C24ED78865124F5BA1C96B

OID                          INCHARGENAME
--------------------------   ------------------
0000220208FCE457E5D6234D5 NIRANJAN RAMORI
38106A36E72F0B72902FDA3E6
00E74550875CB3DCFA13B556

00002202080A1F8D834348428 NIRANJAN RAMORI
```

```
1AC5EBE5F612A2E0A729DAE0E
C1C24ED78865124F5BA1C96B

0000220208A05AE3E206894BA NIRANJAN RAMORI
E94E69B9EED96783BC4E369BE
75454AE889E4E73ADD2E8138

0000220208250482F82106458 NIRANJAN RAMORI
E9AD6E7B688729B13C4E369BE
75454AE889E4E73ADD2E8138


11 rows selected.

SQL> cl scr

SQL> SELECT
  2    REF(A) OID, StudID, Sname, DOB, DOA, Fees
  3    FROM MCAStudent A
  4    WHERE Sname = 'SESHU';

OID                        STUDID SNAME     DOB        DOA        FEES
-------------------------- ------ --------- ---------- ---------- ------
0000280209007207273C584A1   1101 SESHU     07-OCT-81  07-APR-14  15000
9BC6707C045737CBFC4E369BE
75454AE889E4E73ADD2E81380
100000D0001


SQL> SELECT STUDENTINCHARGE OID, INCHARGENAME
  2    FROM StudentIncharges
  3    WHERE INCHARGENAME = 'SUBRAMANYAM SHARMA';

OID                        INCHARGENAME
-------------------------- ------------------
0000220208007207273C584A1  SUBRAMANYAM SHARMA
9BC6707C045737CBFC4E369BE
75454AE889E4E73ADD2E8138

0000220208 6BC598A0F7974DC  SUBRAMANYAM SHARMA
6B431A97D421B9569C4E369BE
75454AE889E4E73ADD2E8138

0000220208BE2FB4276DD74EE  SUBRAMANYAM SHARMA
888AAF4EDA00336E5C4E369BE
75454AE889E4E73ADD2E8138

00002202088BA5137BAC954CF  SUBRAMANYAM SHARMA
199BD065C0D7A61C102FDA3E6
```

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Modeling, Linux/Unix

```
00E74550875CB3DCFA13B556

0000220208975BD755E9D3471 SUBRAMANYAM SHARMA
BBC0A71283604084802FDA3E6
00E74550875CB3DCFA13B556


SQL> DELETE
  2   FROM MCAStudent
  3   WHERE SName = 'SESHU';

1 row deleted.

SQL> COMMIT;

Commit complete.

SQL> SELECT
  2   REF(A) OID, StudID, Sname, DOB, DOA, Fees
  3   FROM MCAStudent A
  4   WHERE Sname = 'SESHU';

no rows selected

SQL> SELECT STUDENTINCHARGE OID, INCHARGENAME
  2   FROM StudentIncharges
  3   WHERE INCHARGENAME = 'SUBRAMANYAM SHARMA';

OID                            INCHARGENAME
------------------------------ ------------------
0000220208007207273C584A1 SUBRAMANYAM SHARMA
9BC6707C045737CBFC4E369BE
75454AE889E4E73ADD2E8138

00002202086BC598A0F7974DC SUBRAMANYAM SHARMA
6B431A97D421B95690C4E369BE
75454AE889E4E73ADD2E8138

0000220208BE2FB4276DD74EE SUBRAMANYAM SHARMA
888AAF4EDA00336E5C4E369BE
75454AE889E4E73ADD2E8138

00002202088BA5137BAC954CF SUBRAMANYAM SHARMA
199BD065C0D7A61C102FDA3E6
00E74550875CB3DCFA13B556

0000220208975BD755E9D3471 SUBRAMANYAM SHARMA
BBC0A71283604084802FDA3E6
00E74550875CB3DCFA13B556
```

```
SQL> SELECT
  2   INCHARGENAME, DEREF(X.STUDENTINCHARGE) StudInfo
  3   FROM StudentIncharges X
  4   WHERE INCHARGENAME = 'SUBRAMANYAM SHARMA';

INCHARGENAME
------------------
STUDINFO(STUDID, SNAME, DOB, DOA, FEES)
-------------------------------------------------------------------------
-------------------------------------------------
SUBRAMANYAM SHARMA


SUBRAMANYAM SHARMA
STUDENT(1102, 'RAMANA', '07-OCT-80', '07-APR-14', 15000)

SUBRAMANYAM SHARMA
STUDENT(1104, 'SRIPATH', '07-OCT-83', '07-APR-14', 15000)

SUBRAMANYAM SHARMA
STUDENT(1200, 'SAMPATH', '10-DEC-85', '07-APR-14', 25000)

SUBRAMANYAM SHARMA
STUDENT(1202, 'RAJESH', '10-DEC-83', '07-APR-14', 25000)


SQL> SELECT
  2   InchargeName Incharge,
  3   E1.Stu.StudId StudID,
  4   E1.Stu.SName Sname,
  5   E1.Stu.DOB DOB,
  6   E1.Stu.DOA DOA,
  7   E1.Stu.Fees Fees
  8   FROM
  9    (
 10    SELECT
 11    InchargeName, DEREF(X.StudentIncharge) Stu
 12    FROM StudentIncharges X
 13    ) E1
 14   WHERE Incharge = 'SUBRAMANYAM SHARMA';
WHERE Incharge = 'SUBRAMANYAM SHARMA'
      *
ERROR at line 14:
ORA-00904: "INCHARGE": invalid identifier


SQL> ED
```

```
Wrote file afiedt.buf

  1   SELECT
  2   InchargeName Incharge,
  3   E1.Stu.StudId StudID,
  4   E1.Stu.SName Sname,
  5   E1.Stu.DOB DOB,
  6   E1.Stu.DOA DOA,
  7   E1.Stu.Fees Fees
  8   FROM
  9    (
 10    SELECT
 11    InchargeName, DEREF(X.StudentIncharge) Stu
 12    FROM StudentIncharges X
 13    ) E1
 14* WHERE InchargeName = 'SUBRAMANYAM SHARMA'
SQL> /

INCHARGE             STUDID SNAME      DOB        DOA        FEES
------------------  ------ ---------- --------- --------- ------
SUBRAMANYAM SHARMA
SUBRAMANYAM SHARMA    1102 RAMANA     07-OCT-80 07-APR-14  15000
SUBRAMANYAM SHARMA    1104 SRIPATH    07-OCT-83 07-APR-14  15000
SUBRAMANYAM SHARMA    1200 SAMPATH    10-DEC-85 07-APR-14  25000
SUBRAMANYAM SHARMA    1202 RAJESH     10-DEC-83 07-APR-14  25000

SQL> ED
Wrote file afiedt.buf

  1   DELETE FROM
  2    (
  3    SELECT
  4    InchargeName, DEREF(X.StudentIncharge) Stu
  5    FROM StudentIncharges X
  6    ) E1
  7   WHERE
  8   E1.Stu.StudId IS NULL AND
  9   E1.Stu.SName IS NULL AND
 10   E1.Stu.DOB IS NULL AND
 11   E1.Stu.DOA IS NULL AND
 12   E1.Stu.Fees IS NULL AND
 13* InchargeName = 'SUBRAMANYAM SHARMA'
SQL> /

1 row deleted.

SQL> COMMIT;

Commit complete.
```

```
SQL> SELECT
  2  InchargeName Incharge,
  3  E1.Stu.StudId StudID,
  4  E1.Stu.SName Sname,
  5  E1.Stu.DOB DOB,
  6  E1.Stu.DOA DOA,
  7  E1.Stu.Fees Fees
  8  FROM
  9     (
 10     SELECT
 11     InchargeName, DEREF(X.StudentIncharge) Stu
 12     FROM StudentIncharges X
 13     ) E1
 14  WHERE InchargeName = 'SUBRAMANYAM SHARMA';

INCHARGE              STUDID SNAME       DOB        DOA        FEES
-------------------- ------- ---------- --------- --------- ------
SUBRAMANYAM SHARMA     1102 RAMANA      07-OCT-80 07-APR-14  15000
SUBRAMANYAM SHARMA     1104 SRIPATH     07-OCT-83 07-APR-14  15000
SUBRAMANYAM SHARMA     1200 SAMPATH     10-DEC-85 07-APR-14  25000
SUBRAMANYAM SHARMA     1202 RAJESH      10-DEC-83 07-APR-14  25000

SQL> SELECT * FROm TAB;

TNAME                            TABTYPE   CLUSTERID
-------------------------------- --------- ----------
MBASTUDENT                       TABLE
MCASTUDENT                       TABLE
STUDENTINCHARGES                 TABLE
MASTUDENT                        TABLE
MCOMSTUDENT                      TABLE

SQL> DROP TABLE &T PURGE;
Enter value for t: MBASTUDENT

Table dropped.

SQL> /
Enter value for t: MCASTUDENT

Table dropped.

SQL> /
Enter value for t: MASTUDENT

Table dropped.

SQL> /
```

```
Enter value for t: MCOMSTUDENT

Table dropped.

SQL> /
Enter value for t: STUDENTINCHARGES

Table dropped.

SQL> cl scr

SQL> CREATE TABLE Students
  2  (
  3   Studid           NUMBER(6)
  4   CONSTRAINT StudIDPK  PRIMARY KEY,
  5   SName            VARCHAR2(30),
  6   Street           VARCHAR2(40),
  7   CityName    VARCHAR2(25),
  8   StateName   VARCHAR2(40),
  9   Pincode          NUMBER(6)
 10  );

Table created.

SQL> BEGIN
  2  INSERT INTO Students
  3  VALUES(1200, 'SAMPATH', 'SHIV BAGH', 'HYDERABAD', 'ANDHRA PRADESH',
506001);
  4  INSERT INTO Students
  5  VALUES(1201, 'SRINIVAS', 'SHYAM NAGAR', 'SECUNDERABAD', 'ANDHRA
PRADESH', 506002);
  6  INSERT INTO Students
  7  VALUES(1202, 'SHIVAJI', 'ANDAL NAGAR', 'CHENNAI', 'TAMIL NADU',
606060);
  8  COMMIT;
  9  END;
 10  /

PL/SQL procedure successfully completed.

SQL> COLUMN STUDID FORMAT 9999
SQL> COLUMN SNAME FORMAT A9
SQL> COLUMN STREET FORMAT A12
SQL> COLUMN CITYNAME FORMAT A13
SQL> COLUMN STATENAME FORMAT A15
SQL> COLUMN PINCODE FORMAT 999999
SQL> SELECT *
  2  FROM Students;
```

```
STUDID SNAME       STREET        CITYNAME       STATENAME        PINCODE
------ ---------   ------------  -------------  ---------------  -------
  1200 SAMPATH     SHIV BAGH     HYDERABAD      ANDHRA PRADESH    506001
  1201 SRINIVAS    SHYAM NAGAR   SECUNDERABAD   ANDHRA PRADESH    506002
  1202 SHIVAJI     ANDAL NAGAR   CHENNAI        TAMIL NADU        606060

SQL> CREATE OR REPLACE TYPE MyAddress
  2  AS OBJECT
  3  (
  4   Street               VARCHAR2(40),
  5   CityName          VARCHAR2(25),
  6   StateName         VARCHAR2(40),
  7   Pincode              NUMBER(6)
  8  );
  9  /

Type created.

SQL> CREATE OR REPLACE TYPE MyStudent
  2  AS OBJECT
  3  (
  4   SName VARCHAR2(30),
  5   Saddress Myaddress
  6  );
  7  /

Type created.

SQL> DESC Students
 Name                                                          Null?
Type
 ----------------------------------------------------------------- ------
-- ----------------------------------------------
 STUDID                                                          NOT
NULL NUMBER(6)
 SNAME
VARCHAR2(30)
 STREET
VARCHAR2(40)
 CITYNAME
VARCHAR2(25)
 STATENAME
VARCHAR2(40)
 PINCODE
NUMBER(6)

SQL> DESC MyStudent
 Name                                                          Null?
Type
```

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```
 ---------------------------------------------------------- ------
-- ----------------------------------------
 SNAME
VARCHAR2(30)
 SADDRESS
MYADDRESS

SQL> SET DESCRIBE DEPTH 2
SQL> DESC MyStudent
 Name                                                        Null?
Type
 ---------------------------------------------------------- ------
-- ----------------------------------------
 SNAME
VARCHAR2(30)
 SADDRESS
MYADDRESS
    STREET
VARCHAR2(40)
    CITYNAME
VARCHAR2(25)
    STATENAME
VARCHAR2(40)
    PINCODE
NUMBER(6)

SQL> SELECT
  2  StudID,
  3  SName,
  4  Street,
  5  CityName,
  6  StateName,
  7  Pincode
  8  FROM Students;

STUDID SNAME       STREET        CITYNAME       STATENAME         PINCODE
------ ----------- ------------- -------------- ----------------- -------
  1200 SAMPATH     SHIV BAGH     HYDERABAD      ANDHRA PRADESH    506001
  1201 SRINIVAS    SHYAM NAGAR   SECUNDERABAD   ANDHRA PRADESH    506002
  1202 SHIVAJI     ANDAL NAGAR   CHENNAI        TAMIL NADU        606060

SQL> SELECT
  2  StudID,
  3  SName,
  4    Myaddress
  5        (
  6        Street,
  7        CityName,
  8        StateName,
```

```
    9        Pincode
   10        )
   11   FROM Students;

STUDID SNAME
------ ---------
MYADDRESS(STREET,CITYNAME,STATENAME,PINCODE)(STREET, CITYNAME, STATENAME,
PINCODE)
---------------------------------------------------------------------
---------------------------------------------------
   1200 SAMPATH
MYADDRESS('SHIV BAGH', 'HYDERABAD', 'ANDHRA PRADESH', 506001)

   1201 SRINIVAS
MYADDRESS('SHYAM NAGAR', 'SECUNDERABAD', 'ANDHRA PRADESH', 506002)

   1202 SHIVAJI
MYADDRESS('ANDAL NAGAR', 'CHENNAI', 'TAMIL NADU', 606060)


SQL> SELECT
    2   StudID,
    3   MyStudent
    4    (
    5    SName,
    6    Myaddress
    7         (
    8         Street,
    9         CityName,
   10         StateName,
   11         Pincode
   12         )
   13    )
   14   FROM Students;

STUDID
------
MYSTUDENT(SNAME,MYADDRESS(STREET,CITYNAME,STATENAME,PINCODE))(SNAME,
SADDRESS(STREET, CITYNAME, STATENAME, PINCODE))
---------------------------------------------------------------------
---------------------------------------------------
   1200
MYSTUDENT('SAMPATH', MYADDRESS('SHIV BAGH', 'HYDERABAD', 'ANDHRA
PRADESH', 506001))

   1201
MYSTUDENT('SRINIVAS', MYADDRESS('SHYAM NAGAR', 'SECUNDERABAD', 'ANDHRA
PRADESH', 506002))
```

```
   1202
MYSTUDENT('SHIVAJI', MYADDRESS('ANDAL NAGAR', 'CHENNAI', 'TAMIL NADU',
606060))


SQL> CREATE OR REPLACE VIEW
  2   StudentOV(StudID, StudDEF)
  3   AS
  4   SELECT
  5   StudID,
  6   MyStudent
  7    (
  8    SName,
  9    Myaddress
 10          (
 11          Street,
 12          CityName,
 13          StateName,
 14          Pincode
 15          )
 16    )
 17   FROM Students;

View created.

SQL> SET DESCRIBE DEPTH 1
SQL> DESC StudentOV
 Name                                                          Null?
Type
 ------------------------------------------------------------- ------
-- ----------------------------------------
 STUDID                                                        NOT
NULL NUMBER(6)
 STUDDEF
MYSTUDENT

SQL> SET DESCRIBE DEPTH 2
SQL> DESC StudentOV
 Name                                                          Null?
Type
 ------------------------------------------------------------- ------
------------------------------------------
 STUDID                                                        NOT
NULL NUMBER(6)
 STUDDEF
MYSTUDENT
    SNAME
VARCHAR2(30)
```

```
     SADDRESS
MYADDRESS

SQL> SET DESCRIBE DEPTH 3
SQL> DESC StudentOV
 Name                                                          Null?
Type
 ----------------------------------------------------------------------
-- --------------------------------------------
 STUDID                                                        NOT
NULL NUMBER(6)
 STUDDEF
MYSTUDENT
    SNAME
VARCHAR2(30)
    SADDRESS
MYADDRESS
      STREET
VARCHAR2(40)
      CITYNAME
VARCHAR2(25)
      STATENAME
VARCHAR2(40)
      PINCODE
NUMBER(6)

SQL> SELECT *
  2  FROM StudentOV;

STUDID
------
STUDDEF(SNAME, SADDRESS(STREET, CITYNAME, STATENAME, PINCODE))
----------------------------------------------------------------------
--------------------------------------------
  1200
MYSTUDENT('SAMPATH', MYADDRESS('SHIV BAGH', 'HYDERABAD', 'ANDHRA
PRADESH', 506001))

  1201
MYSTUDENT('SRINIVAS', MYADDRESS('SHYAM NAGAR', 'SECUNDERABAD', 'ANDHRA
PRADESH', 506002))

  1202
MYSTUDENT('SHIVAJI', MYADDRESS('ANDAL NAGAR', 'CHENNAI', 'TAMIL NADU',
606060))

SQL> SELECT
  2  StudID,
```

```
  3   E1.StudDEF.Sname Sname,
  4   E1.StudDEF.SAddress.Street Street,
  5   E1.StudDEF.SAddress.CityName CityName,
  6   E1.StudDEF.SAddress.StateName StateName,
  7   E1.StudDEF.SAddress.PinCode PinCode
  8   FROM
  9    (
 10    SELECT *
 11    FROM StudentOV
 12    ) E1;
```

```
STUDID SNAME       STREET        CITYNAME       STATENAME       PINCODE
------ ----------- ------------- -------------- --------------- -------
  1200 SAMPATH     SHIV BAGH     HYDERABAD      ANDHRA PRADESH  506001
  1201 SRINIVAS    SHYAM NAGAR   SECUNDERABAD   ANDHRA PRADESH  506002
  1202 SHIVAJI     ANDAL NAGAR   CHENNAI        TAMIL NADU      606060
```

```
SQL> INSERT INTO StudentOV
  2   VALUES
  3    (
  4    1203,
  5    MYStudent
  6         (
  7         'RAMESH',
  8         MyAddress
  9             (
 10             'SHYAMA NAGAR',
 11             'SECUNDERABAD',
 12             'ANDHRA PRADESH',
 13             506001
 14             )
 15         )
 16    );
```

```
1 row created.
```

```
SQL> SELECT
  2   StudID,
  3   E1.StudDEF.Sname Sname,
  4   E1.StudDEF.SAddress.Street Street,
  5   E1.StudDEF.SAddress.CityName CityName,
  6   E1.StudDEF.SAddress.StateName StateName,
  7   E1.StudDEF.SAddress.PinCode PinCode
  8   FROM
  9    (
 10    SELECT *
 11    FROM StudentOV
 12    ) E1;
```

```
STUDID SNAME      STREET        CITYNAME       STATENAME        PINCODE
------ ---------- ------------- -------------- ---------------- -------
  1200 SAMPATH    SHIV BAGH     HYDERABAD      ANDHRA PRADESH    506001
  1201 SRINIVAS   SHYAM NAGAR   SECUNDERABAD   ANDHRA PRADESH    506002
  1202 SHIVAJI    ANDAL NAGAR   CHENNAI        TAMIL NADU        606060
  1203 RAMESH     SHYAMA NAGAR  SECUNDERABAD   ANDHRA PRADESH    506001

SQL> SELECT * FROM Students;

STUDID SNAME      STREET        CITYNAME       STATENAME        PINCODE
------ ---------- ------------- -------------- ---------------- -------
  1200 SAMPATH    SHIV BAGH     HYDERABAD      ANDHRA PRADESH    506001
  1201 SRINIVAS   SHYAM NAGAR   SECUNDERABAD   ANDHRA PRADESH    506002
  1202 SHIVAJI    ANDAL NAGAR   CHENNAI        TAMIL NADU        606060
  1203 RAMESH     SHYAMA NAGAR  SECUNDERABAD   ANDHRA PRADESH    506001

SQL> DELETE StudentOV
  2  WHERE StudId = 1200;

1 row deleted.

SQL> SELECT * FROM Students;

STUDID SNAME      STREET        CITYNAME       STATENAME        PINCODE
------ ---------- ------------- -------------- ---------------- -------
  1201 SRINIVAS   SHYAM NAGAR   SECUNDERABAD   ANDHRA PRADESH    506002
  1202 SHIVAJI    ANDAL NAGAR   CHENNAI        TAMIL NADU        606060
  1203 RAMESH     SHYAMA NAGAR  SECUNDERABAD   ANDHRA PRADESH    506001

SQL> DELETE
  2  (
  3  SELECT *
  4  FROM StudentOV
  5  ) E1
  6  WHERE E1.StudDef.Sname = 'SHIVAJI';

1 row deleted.

SQL> SELECT * FROM Students;

STUDID SNAME      STREET        CITYNAME       STATENAME        PINCODE
------ ---------- ------------- -------------- ---------------- -------
  1201 SRINIVAS   SHYAM NAGAR   SECUNDERABAD   ANDHRA PRADESH    506002
  1203 RAMESH     SHYAMA NAGAR  SECUNDERABAD   ANDHRA PRADESH    506001

SQL> UPDATE
  2  (
  3  SELECT *
  4  FROM StudentOV
```

```
5    ) E1
6    SET E1.StudDef.Sname = 'SRINIVAS RAJU'
7    WHERE E1.StudID = 1201;

1 row updated.

SQL> SELECT * FROM Students;

STUDID SNAME      STREET        CITYNAME       STATENAME        PINCODE
------ ---------- ------------- -------------- ---------------- -------
  1201 SRINIVAS   SHYAM NAGAR   SECUNDERABAD   ANDHRA PRADESH    506002
       RAJU

  1203 RAMESH     SHYAMA NAGAR  SECUNDERABAD   ANDHRA PRADESH    506001

SQL> SPOOL OFF
```